BRUHAT BENGALURU MAHANAGARA PALIKE (BBMP)

PROJECT:CONSTRUCTION OF MPED BUILDING (GOVT SCHOOL) AT JALAHALLI VILLAGE IN WARD NO.16.

DETAILED ABSTRACT

Detailed Estimate for MPED Building.

I	PROJECTS		Amont
a	PROPOSED MPED BUILDING		38,993,100.005
b	PROPOSED MARKET BUILDING		4,054,100.000
d	PROPOSED VETERNARY HOSPITAL		5,495,544.001
	TOTAL		48,542,744.0
II	Miscelaneous		
a	Add Consultancy Charges 3% of Est cost		1,456,282.32
			49,999,026.33
	Miscellaneous (Rounding off)		973.67
	GRAND TOTAL		50,000,000.00
RUPEES FIVE CRORE ONLY			

B.K. Ramakrishna

Administrative approved for Rs. 50,000,000/- Rs. Five Hundred Lacs only/- is accorded under the head P-3461

By E.E.(P), R.R.N S/No. 17, Pg. 124.13 Registered as EE(P), R.R.N No. 17 subject to conditions contained in enclosed memo No. BS/17/18-19 Date. 02/03/2019

AEE/TA E.E(P), R.R.N

TECHNICAL SANCTION

Rs: 50000000/- (Rs Five crore only) is accorded under the head: P-3461

By CE(R.R.N.,) Page No. 88-89 Registered as CE (R.R.N) No: 327/18-19 subject to conditions contained in enclosed memo No: 327/18-19 Date. 05/03/2019

05/03

BRUHAT BENGALURU MAHANAGARA PALIKE (BBMP)

PROJECT:CONSTRUCTION OF MPED BUILDING (GOVT SCHOOL) AT JALAHALLI VILLAGE IN WARD NO.16.

DETAILED ABSTRACT

Detailed Estimate for M P E D Building.

			Amont
I	**CIVIL WORKS**		
a.	Total Amount for Civil works		32,848,258.00
II	**ELECTRICAL WORKS**		
a.	Total Amount for Internal Electrical works		3,799,523.00
b.	Total Amount for External Electrical works		1,638,390.17
III	**PLUMBING & SANITARY WORKS**		
a.	Total amount for Plumbing & sanitary work		706,865.40
	TOTAL		**38,993,036.57**
	Rounded to	**Say**	**63.43**
	GRAND TOTAL		**38,993,100.00**

RUPEES THREE CRORE EIGHTY NINE LAKHS NINETY THREE THOUSAND ONE HUNDRED ONLY

B.K. Ramkrishna

Administrative approved for Rs. 5,00,00,000/-
Rs. five hundred lakhs only
..... is accorded
under the head P-3461
cons. of M.P.E.D building.
By E.E.(P), R.R.N. Sl. No. 17 Pg. No. 12-13
Registered as EE(P), ... subject
to conditions contained ... memo
No. 17/18-19 Date. 2/3/19

AEE/TA E.E(P), R.R.N

TECHNICAL SANCTION

Rs: .....
..... is accorded
under the head: .....
By CE(R.R.N.) .....
Registered as CE (R.R.N) No: ..... subject
to conditions contained in enclosed memo
No: ..... Date. .....

TA, CE (R.R.N)

BRAUATH BANGALORE MAHANAGARA PALIKE (BBMP)

PROJECT:-CONSTRUCTION OF MPED BUILDING (GOVT SCHOOL) AT JALAHALLI VILLAGE IN WARD NO.16.

Detailed Estimate for MPED Building.

Area Statement		
Ground Floor	470.00	Sq mt
First Floor	470.00	Sq mt
Second Floor	470.00	Sq mt
Third Floor	470.00	Sq mt
Terrace Floor	67.00	Sq mt
Total	1,947.00	Sq mt

B.O.Q for Main Building as per SR 2016-2017 - Bangalore Circle for Civil works , SR 2014 -2015 Bangalore circle for Electrical works

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L	B	D			
	DEMOLITION WORK								
1	KSRRB 200-8 clearing grubbing road lane including up rooting rank vegitation , grass , brush , shrubs , sapling & trees of girth up to 300mm by manual means, in area of **light jungle** , removal of stumps , disposal of un serviceabale materials , stacking of serviceabale materials with in a lead of 100 mtr from road boundary , labour charges complete as per specifications								
	(P.No.136, I.No.18.11 of PW,P&IWTD S.R 2016-17)								
	Site area	Sqm	1	80.00	20.00	--	1600.00		
							1600.00	**6.48**	**10368.00**
2	KSRRB M200- 12.1 Dismanteling of Exsisting structures like Culverts, Bridges, retaining wall & other structures compraising of masanry, cement concrete, wood work, steel work including T& P and scaffolding wherever necessary, sorting the Dismentalled metrial,disposoble of unserviceble material & stacking servicable material with lead of 1000 mts, complete as per specification 1.) Lime concrete/ Cement Concrete -KSRRB M200- 13.1 - do- II by mechanicaal means A cement Concrete Grade M 15-M20								
	(P.No.137, I.No.18.20 of PW,P&IWTD S.R 2016-17)	Cum							
	Building		1	6.00	5.50	0.150	33.00		
			1	8.00	6.00	0.150	48.00		
							81.00	**372.60**	**30181.00**
3	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications.KSRRB M200-14.2. –do– Dismantling brick/Tile work B. In cement mortar. MORTH Specification No. 202								
	(P.No.137, I.No.18.23 of PW,P&IWTD S.R 2016-17)	Cum							
	Building		1	29.00	0.23	3.000	6.67		
			1	30.00	0.23	3.000	6.90		
							13.57	**263.52**	**3576.00**
4	KSRRB M200- 12.1 Dismanteling of Exsisting structures like Culverts, Bridges, retaining wall & other structures compraising of masanry, cement concrete, wood work, steel work including T& P and scaffolding wherever necessary, sorting the Dismentalled metrial,disposoble of unserviceble material & stacking servicable material with lead of 1000 mts, B13 complete as per specification !!!) Dismanteling of Stone masonary MORTH Specification 202								
	(P.No.138, I.No.18.27 of PW,P&IWTD S.R 2016-17)	Cum							
	Foundation		1	100.00	0.60	0.600	60.00		
	II course		1	100.00	0.45	0.450	45.00		
							105.00		
						Say	105.00	**263.52**	**27670.00**
		TOTAL AMOUNT FOR DEMOLITION WORK							**71795.00**
	EARTH WORK								
5	Earthwork excavation for **foundation** of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width **in IN ORDINARY SOIL** not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications.								
	(P.No.5, I.No.2.3of PW,P & IWTD S.R 2016-17)	**M3**							
	For Footigs								
	F1		3	2.45	2.25	2.000	33.08		

Sl No	Description of work	Unit	No	Dimensions L	B	D	Quantity	Rate in Rs.	Amount in Rs.
80	KSRB 7.14 : Providing, fabricating, assembling and fixing in position aluminium partitions using sections in combination of plain, single grove and double grove as per requirements for the frames of overall size 101.6mm x 44.45mm, 3.18mm.thick having section weight, plain sections 2.40kg/m single grove section 2.541kg/m. and double grove section 2.683 kg/m and bottom bottom member 114.3 mm x 44.45 mm 3.18 mm thick and 2.6 46 kg/m; aluminium louvres of size 77.6mmx27.6mm 1.7mm. thick section weight 0.483kg/m; bottom portions provided with 12mm. thick pre laminated sheet both side of approved colour lamination exterior grade; aluminium sections of mat finish or glossy finish using section, spacing of vertical member shall not exceed 0.6 m. c to c; sections are cut to the required lengths, joints mitered and corners grinded subdividing frames tennoned and riveted to the frames, the assembled frame should be stiffened with corner angles stripped and fixed with screws, rawl plugs and teak wood gutties to R.C.C.columns or masonry on sides, R.C.C. lintels or beams at top and floor at bottom, including cutting chistling and making good with cement mortar to match the surface, providing and fixing bottom panel filled with the materials to a height of 0.9m. from floor level; and 5.5mm. thick plain glass for middle portion viz., 0.9m. to 2.13 m. and top panel with lower sections, the glass and panels fitted with glazing clips of 19mmx17.3mm. with thickness of 0.9mm. weight 0.124kg/m; aluminium sections pre-treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherence of mortars or any other sticky materials; vertical members embedded in the flooring by making suitable size holes and fixing with cement mortar, with necessary opening for fixing of doors of standard size (excluding cost of door opening) All the frame should be throughly cleaned free from rust, scale or dirt including cost of materials, fixtures, labour and HOM of machinery complete as per specifications.								
	(SR 2016-17 - Item No. -7.14.2 Page No. 34 & 35)								
	For ALL Floors	Sqmt							
	For Full ht Up to slab bottom		1	20.00	--	3.00	**60.00**		
	For Half ht Up to slab bottom from 1.8Mtr Wall		3	15.00	--	1.20	**54.00**		
	Deductions								
	Cabin Doors		3	0.90	--	2.10	**-5.67**		
							108.33	**5109.48**	**553509.97**
81	KSRB 7.17 : Providing, fabricating, assembling and fixing in position aluminium doors using following aluminium mat finish or glossy finish, outer frame plain section 101.6x44.45mm thickness 3.18mm, section weight 2.404 kg/m, door shutters vertical section 44.62x44.45mm thickness 3.18mm, section weight 1.505kg/m, top section 47.62x44.45mm thickness 3.00mm, section weight 1.426kg/m bottom section 114.3x44.45 thickness 3.18mm, section weight 2.646kg/m, door central section 49.91x44.45mm thickness 3.00mm, section weight 1.495 kg/m glazing clips 19x17.3x11mm thickness 0.9mm section weight 0.124kg/m; aluminium sections cut to length joint metred corners grinded, the shutters pivoted opening arrangement with heavy duty aluminium alloy automatic door closures floor mounted, providing and fixing standard approved accessories, such as aluminium handle for full width or length, tower bolts, lock, pivots: P.V.C. or rubber gasket with 5.5m. thick plain glass for top and bottom panel; aluminium sections treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherance of mortars or any other sticky materials; the assembled frame fitted with the corner angles, strips and fitted with screws, rawl plugs or teakwood gutties to R.C.C. columns or masonry on sides. beams and flooring in bottom. including cutting, chistling and making good with cement mortar to match the surface; all the frames throughly cleaned free from rust, scale, or dirt including cost of materials, fixtures,. -do- using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality.								
	(SR 2016-17 - Item No. -7.17.2 Page No. 36 & 37)								
	For Ground Floor	Sqmt							
	Cabin Doors		3	0.90	--	2.10	**5.67**		
							5.67	**6814.80**	**38639.92**
			TOTAL AMOUNT OF INTERIOR WORK						**2,676,284.20**
	ABSTRACT								
1	TOTAL AMOUNT OF DEMOLITION WORK								**71,795.00**
2	TOTAL AMOUNT FOR EARTH WORK								**377,564.33**
3	TOTAL AMOUNT FOR PCC & RCC WORK								**5,586,245.03**
4	TOTAL AMOUNT FOR REINFORCEMENT WORK								**5,745,589.09**
5	TOTAL AMOUNT FOR SHUTTERING WORK								**2,302,685.82**
6	TOTAL AMOUNT FOR MASONARY WORK								**3,640,075.54**
7	TOTAL AMOUNT OF PLASTERING & FINISHES								**2,928,306.69**
8	TOTAL AMOUNT OF FLOORING WORK								**4,273,135.45**
9	TOTAL AMOUNT OF WATER PROOFING WORK								**367,260.48**
10	TOTAL AMOUNT OF JOINERY WORK								**2,759,086.28**
11	TOTAL AMOUNT OF STRUCTURAL GLAZING								**2,120,229.27**
12	TOTAL AMOUNT OF INTERIOR WORK								**2,676,284.20**
									32,848,257.17
			Misc to round off						**0.83**
	TOTAL AMOUNT								**32,848,258.00**
	TOTAL COST MULTI PURPOSE BUILDING	**Rs**	**Three CroreTwenty eight lakh Forty eight thousand Two hundred fifty eight only**						

97

BANGALORE BHRUHUT MAHANAGAR PALIKE

PROJECT:CONSTRUCTION OF MPED BUILDING (GOVT SCHOOL) AT JALAHALLI VILLAGE IN WARD NO.16.

DETAILED ESTIMATE FOR PLUMBING & SANITARY WORKS- FOR M P E D BUILDING

Area Statement		
Ground Floor	450.00	Sq mt
First Floor	450.00	Sq mt
Second Floor	450.00	Sq mt
Third Floor	450.00	Sq mt
Terrace Floor	45.00	Sq mt
Total	1,845.00	Sq mt

ESTIMATED COST RS.500.00 LAKHS

B.O.Q for Main Building as per SR 2016-2017 - Bangalore Circle for civil works , SR 2014 -2015 Bangalore circle for

Sl No	Description of work	Unit	No	Dimensions L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	PLUMBING & SANITARY WORKS								
	INTERNAL SANITARY FIXTURES								
1	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11								
	(PW,P&IPTD B ZONE 2016-17 - Item No. - 12.5, Page No.		1	16.00	--	--	16.00	5,540.40	88,646.40
2	KSRB 11-4 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11								
	(PW,P&IPTD S ZONE 2016-17 - I No. - 12.2, Page No. 77)		1	9.00	--	--	9.00	4,682.88	42,145.92
3	KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11								
	(P.No.80, I.No.12.23 of PW, P& IWTD SR 2016-17)	Nos	1	8.00			8.00	4196.88	33575.04
4	KSRB 11-9.2 : Providing and fixing white vitreous china clay, flat back or half stall urinal basin of size 580x380x350mm in the range of two with 7.5 litres P.V.C automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps, C.I. trap with outlet grating and other couplings in C.P brass painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 1								
	(P.No.79, I.No.12.16 of PW, P& IWTD SR 2016-17)	Nos	1	8			8.00	8980.20	71841.60
5	Providing fixing C.P brass towel rail 600mm length, 20mm dia with C.P brackets,fixed to wooden cleats with C.P brass screws including cost of materials,labour complete as per specifications. Make: Jaquar, Range-continental , Model No-1121								
	(P.No.83, I.No.12.46 of PW, P& IWTD SR 2016-17)	Unit	1	9			9.00	766.80	6901.20
6	KSRB 11-15.1 : Providing and fixing 600x450mm bevellead edge mirror of superior glass with 6mm hard board backing and fixed to wooden cleats with C.P screws, washers, including cost of materials, labour complete as per specifications.								
	(P.No.82, I.No.12.39 of PW, P& IWTD SR 2016-17)	Unit	1	9			9.00	1351.08	12159.72

	Make/Brand :ATALANTA,SUGUNA, C.R.I.,KIRLOSKAR AND OTHER EQUIVALENT	NOS	1	1			1.00	16740.00	16740.00
	OVER HEAD TANK ACCESSORIE								
16	Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer Black or Blue and inner White layer of approved quality and make, conforming to I.S.I./ISO/SSI specifications.								
	(P.No.265, I.No.37.58 of PW, P& IWTD SR 2016-17)	litres	2	2000			4000.00	6.48	25920.00
	INTERNAL SANITARY SYSTEM								
	SOIL VENT AND RAIN WATER PIPES								
17	Providing and fixing to wall, ceiling and floor unplasticised 110 mm dia PVC Pipes of 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications								
	(P.No.88, I.No.12.116.1 of PW, P&IWTD SR 2016-17)								
a	110 mm dia	Rmt	9	10			90.00		
			3	15			45.00		
b	110 mm dia Rain water pipes		6	15			90.00		
							225.00	**444.96**	**100116.00**
18	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 110mm outer dia								
	(P.No.75, I.No.11.56.2 of PW, P&IWTD SR 2016-17)								
b	110 mm dia for sewer line	Rmt	1	50			50	**743.04**	**37152.00**
	160 mm Dia	Rmt	1	50			50	**1566.00**	**78300.00**
19	KSRB 12-8.1 : Constructing brick masonry inspection chamber 600 x 600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 600 x 600mm								
	(P.No.73, I.No. 11.50.1 of PW, P& IWTD SR 2016-17)								
	IC for Sewage	each	1	8			8	**9670.32**	**77362.56**
			Total amount for Plumbing & Sanitary work						**706865.40**

B.K. Durkam

BANGALORE BHRUHUT MAHANAGAR PALIKE

PROJECT:CONSTRUCTION OF MPED BUILDING (GOVT SCHOOL) AT JALAHALLI VILLAGE IN WARD NO.16.

Detailed Estimate for MPED Building.

Area Statement		
Ground Floor	470.00	Sq mt
First Floor	470.00	Sq mt
Second Floor	470.00	Sq mt
Third Floor	470.00	Sq mt
Terrace Floor	67.00	Sq mt
Total	1,947.00	Sq mt

B.O.Q for Main Building as per SR 2016-2017 - Bangalore Circle for civil works , SR 2014 -2015 Bangalore circle for Electrical

Sl No	Description	unit	L1	L2	B	H	Qty	Rate	Amount
	INTERNAL ELECTRICAL WORKS								
1	Point wiring using copper wire without switch								
	Supplying and wiring adopting loop system in existing PVC Conduit / casing caping using 1100V grade, copper conductor flecxible multistrand FRLS PVC insulated, 2x.1.5Sqmm cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/ PVC round block.complete for each outlet.								
	Point wirig using class A Materials								
	a) Short point upto 3.0M from tapping point to outlet via switch box	Each	1	85.00			85.00	144.00	**12240.00**
	Item no 2-2.3.1,-P No-5 Ele SR14-15								
	b) Medium point above 3.0M upto 6.0M from tapping point to outlet via switch box	Each	1	160.00			160.00	215.00	**34400.00**
	Item no 2-2.3.2- P No 5Ele SR14-15								
	c) Long point above 6.0M upto 10.0M from tapping point to outlet via switch box	Each	1	120.00			120.00	334.00	**40080.00**
	Item no 2-2.3.3-P No 5Ele SR14-15								
	d) Two outlet in a row, above 3.0M upto 6.0M from tapping point to outlet via switch box	Each	1	15.00			15.00	423.00	**6345.00**
	Item no 2-2.3.4-P No 6 Ele SR14-15								
	e) Three outlet in a row, above 6.0M upto 10.0M from tapping point to outlet via switch box	Each	1	5.00			5.00	593.00	**2965.00**
	Item no 2-2.3.5-P No 6 Ele SR14-15			385.00					
2	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.Cwall								
	d)1-3Way	Each	1	15.00			15.00	91.00	**1365.00**
	Item no 3- 3.5.1-P No 15								
	d)6 Way	Each	1	10.00			10.00	121.00	**1210.00**
	Item no 3- 3.5.3-P No 15								
	d) 8Way	Each	1	10.00			10.00	140.00	**1400.00**
	Item no 3- 3.5.4-P No 15								
	e) 10-12Way	Each	1	25.00			25.00	159.00	**3975.00**
	Item no 3-3.5.5-P No 15								
3	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.								
	a)1-3Module	Each	1	15.00			15.00	109.00	**1635.00**
	Item no 3- 3.6.1-P No 16								
	b)6 Module	Each	1	10.00			10.00	173.00	**1730.00**
	Item no 3- 3.6.3-P No 16								
	c)8 Module	Each	1	10.00			10.00	200.00	**2000.00**
	Item no3-3.6.4-P No 16								
	d) 10Module	Each	1	20.00			20.00	227.00	**4540.00**
	Item no3-3.6.5-P No 16								
	e) 12Module	Each	1	5.00			5.00	267.00	**1335.00**
	Item no 3-3.6.6-P No 16								

Sl No	Description	unit	L1	L2	B	H	Qty	Rate	Amount
	Page 93, Item No 14.2, Of Ele SR - 2014-2015	Each	1	--	--	--	1.00	2234500.00	2,234,500.00
				Misscellaneous					3799523.00
				Total amount for Electrification work					0.00
									3799523.00

80

BRAUATH BANGALORE MAHANAGARA PALIKE (BBMP)

PROJECT:CONSTRUCTION OF MPED BUILDING (GOVT SCHOOL) AT JALAHALLI VILLAGE IN WARD NO.16.

Detailed Estimate for Veternary Hospital Building.

Area Statement		
Ground Floor	107.00	Sq mt
First Floor	107.00	Sq mt
Total	214.00	Sq mt

B.O.Q for Main Building as per SR 2016-2017 - Bangalore Circle for civil works , SR 2014 -2015 Bangalore circle for Electrical works

Sl No	Description of work	Unit	No	Dimensions L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	EARTH WORK								
1	Earth work for lowering & levelling the ground other than foundation works **by Mechanical means** upto 3.0 mt depth including providing shoring stutting and bracing , removal of stumps and other and other deleterious matter, dressing of sides and bottom, filling back the excavated earth to the extent required and utilising /transporting the remaining earth upto 1.00km lead. including cost of labour, materials and HOM of machineries etc., complete.								
	(P.No.7, I.No.2.24 of PW,P & IWTD S.R 2016-17)								
	For Surface excavation (Average depth) area	**Cum**	1	17.00	9.00	0.15	22.95		
						Say	**23.00**	**73.44**	**1,689.12**
2	Earthwork excavation for **foundation** of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width **in IN ORDINARY SOIL** not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications.								
	(P.No.5, I.No.2.3of PW,P & IWTD S.R 2016-17)	**M3**							
	For Footigs								
	F1		3	1.95	2.25	1.80	23.69		
	F2		6	2.45	2.75	1.80	72.77		
	F3		6	2.85	3.25	1.80	100.04		
	F4		1	1.65	1.65	1.80	4.90		
		16							
	Masonary wall								
	Total Perimeter Length								
	Compound wall		1	45.00	1.05	1.50	70.88		
	For Stair Case		1	53.00	0.90	1.00	47.70		
			1	1.30	0.80	1.00	1.04		
							321.01		
	Considered 80% of Total Qty		1						
							256.81		
						Say	**256.90**	**204.12**	**52,438.43**
3	Earthwork excavation for **foundation** of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width **in IN HARD SOIL** not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications.								
	(P.No.5, I.No.2.4 of PW,P & IWTD S.R 2016-17)	**M3**							
	Considered 20% of Total Qty								
							51.38		
						Say	**51.40**	**305.64**	**15,709.90**
4	KSRB 2-2.3 : Excavation by manual means for foundation of buildings, water supply & sanitary lines and electrical conduits etc., either in pits or in trenches 1.50m and above in width, in soft rock not exceeding 1.50mtrs in depth including stacking the excavated stuff clear from edges of excavation with lead upto 50mt including cost of explosives, labour, HOM of equipment complete as per specifications.								
	(P.No.5, I.No.2.5 of PW,P & IWTD S.R 2016-17)	**M3**							
	Considered 10% of Total Qty								
							25.69		
						Say	**25.70**	**546.48**	**14,044.54**

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L	B	D			
j	Brass tower bolt (barrel type) 150x10 mm								
	(P.No.10 code.No 0402 of CPWD D S.R 2016-17)								
	For Doors	No	2	8.00			16.00	150.00	2,400.00
l	Brass 150 mm floor door stopper weighing not less than 0.357kg								
	(P.No.10 code.No 0417 of CPWD D S.R 2016-17)								
	For Doors	No	2	2.00			4.00	170.00	680.00
m	Chromium plated Brass screws 20 mm	No	2	200.00			400.00	1.70	680.00
	(P.No.12 code.No 0586 to 589 of CPWD D S.R 2016-17)								
n	Hydraulic door clouser - aluminium body								
	(P. No XIII - Item no 390- Code No 0133 of PW,P & IWTD S.R 2016-17)	Each	2	2.00			4.00	1,320.00	5,280.00
48	Providing and fixing Stainless steel 304 Grade for staircase railing, Balconys Ramps with hand rails 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges etc., complete as per specification								
	(P.No.43 I.No.7.38 of PW,P & IWTD S.R 2016-17)								
	Staircase		2.00	12.00	--	1.10	26.40		
	Corridor		1.00	15.00	--	1.10	16.50		
							42.90		
						Say	42.90	6638.76	284802.80
			TOTAL AMOUNT OF JOINERY WORK						698,096.30

	ABSTRACT	
1	TOTAL AMOUNT FOR EARTH WORK	112,426.38
2	TOTAL AMOUNT FOR PCC & RCC WORK	1,056,927.31
3	TOTAL AMOUNT FOR REINFORCEMENT WORK	800,698.82
4	TOTAL AMOUNT FOR SHUTTERING WORK	351,228.64
5	TOTAL AMOUNT FOR MASONARY WORK	682,058.86
6	TOTAL AMOUNT OF PLASTERING & FINISHES	671,640.34
7	TOTAL AMOUNT OF FLOORING WORK	576,344.43
9	TOTAL AMOUNT OF JOINERY WORK	698,096.30
	TOTAL AMOUNT	4,949,421.08
		0.92
	TOTAL COST OF VETERNARY HOSPITAL BUILDING	4,949,422.00

B.K. Ramachandra